



the journal of  
college radio

OCTOBER, 1973



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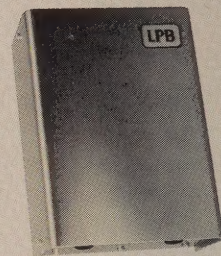
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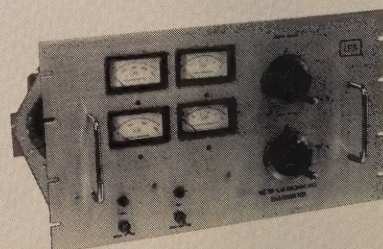
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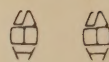
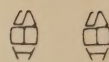
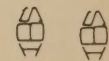
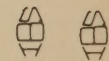


## READERS SERVICE CARD

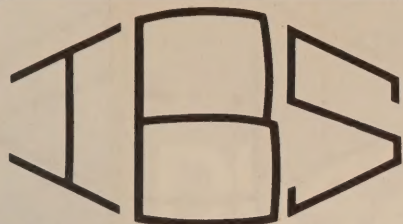
Each advertisement, new product and free literature item in this issue is keyed. For more information on a particular item, simply circle the key



# READER INQUIRY SERVICE







# the journal of college radio

OCTOBER, 1973  
VOL. 11, NO. 2

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### ON THE COVER

The beginning of a new school term also brings the beginning of the new sports season on the campus; and college radio is there covering the action as it covers the campus scene. Many of the nation's sportscasters began their career doing play-by-play for a college radio station. Some of the voices heard on college radio this fall will be heard nationwide within a few years. Football, basketball, baseball, and the other sports make up a large part of the programming heard on college radio.

Intercollegiate Broadcasting System, Inc.

**Central State University**

**Department of Oral Communications      Edmond, Oklahoma 73034**

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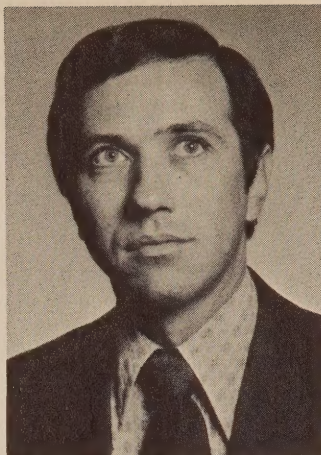
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# Publisher's Report...

JACK  
DESKIN



# IBS Chairman's Memo

About the time school was out last spring, the FCC released a notice of inquiry into the matter of subscription agreements between radio stations and musical format service companies. The Commission's study is being conducted to "determine whether the provisions of such subscription agreements impinge upon, hinder or inhibit the exercise of licensee discretion and flexibility in matters of the selection and presentation of non-musical programming to meet the continuing needs and interests of the station's service area." The En Banc Programming Inquiry stated that "In the fulfillment of his obligation the broadcaster should consider the tastes, needs and desires of the public he is licensed to serve in developing his programming and should exercise conscientious efforts not only to ascertain them but also to carry them out as well as he reasonably can." The En Banc Statement went on to state, "Particular areas of interest and types of appropriate service may, of course, differ from community to community, and from time to time." The Commission expects licensees to inform themselves of the *real* needs and interests of the areas they serve, and "to provide programming which in fact constitutes a diligent effort, in good faith, to provide for these needs and interests."

The major elements usually necessary to meet these needs consist of (1) Opportunity for Local Self-Expression, (2) The Development and Use of Local Talent, (3) Programs for Children, (4) Religious Programs, (5) Educational Programs, (6) Public Affairs Programs, (7) Editorialization, (8) Political, (9) Agricultural, (10) News, (11) Weather and Market Reports, (12) Sports, (13) Service to Minority Groups, and finally (14) Entertainment. For more information see *Report and Statement of Policy Re: Commission En Banc Programming*

*Inquiry* (FCC 60-970 20 RR 1901, 1914).

After reviewing certain subscription agreements between musical format service companies and radio stations, the Commission found "some of them contain restrictive provisions concerning the nature and amounts of the news and other non-musical programming which the subscribing station may carry."

This is a worthwhile study. In an example of restrictive provisions in an agreement, the station agreed to broadcast at least 50 minutes of the musical format company's music during each hour the station is on the air and further agreed not to use any of its own music or other music services in normal broadcast except as required for commercials or other announcements. The station agreed not to broadcast in four-channel stereo. It also agreed not to announce the names of the musical selections played on the air in order to avoid breaks in the station's program continuity.

Other restrictions limited the amount of commercial breaks and number of commercials per hour. All talk, discussion, sports or special events programs were limited to a public affairs or religious nature.

The station's regular news programs had to originate from non-network and non-oral sources which normally exclude the use of "actuality" phone or tape reports. The station agreed to devote 5% or less of the total air time to news programming.

It would appear that any station signing such an agreement is not being responsive to the *local* needs and interests of its community and may possibly be transferring, to a degree, control of the license. This is, indeed, an area which deserves study by the Commission and the broadcast industry.

**David Borst**

The newly elected Board of Directors of IBS met September 15, at the Member Services office in Vails Gate, New York. Attention was focused on the organization's activities for the coming year. During the summer, planning had taken place and each office and department head attending the meeting presented a proposal for action in his area of concern.

In deciding what activities to approve, and how much money to budget for each, the Board kept in mind the four high priority activities which were designated at the Board Meeting last March. These priorities are (1) regional development, (2) *Format* magazine, (3) IBS News Service, and (4) national sales. For more information concerning these activities, see JCR, April/May, 1973, page 3.

All management and staff of IBS member stations are urged to include active participation in the Intercollegiate Broadcasting System's events this year. If there is a meeting of campus stations near you, be sure you and other people from your station attend. Respond to surveys aimed at gathering information for *Format* and other IBS projects. Make use of programs offered by the Programming Department and offer one of your own to the department. If some form of IBS News Service becomes a reality, take the steps required to bring this service to your listeners and contribute news items from your campus. Likewise, be responsive to requests for information from the National Sales Committee, if your station sells air time commercially, or wished to do so.

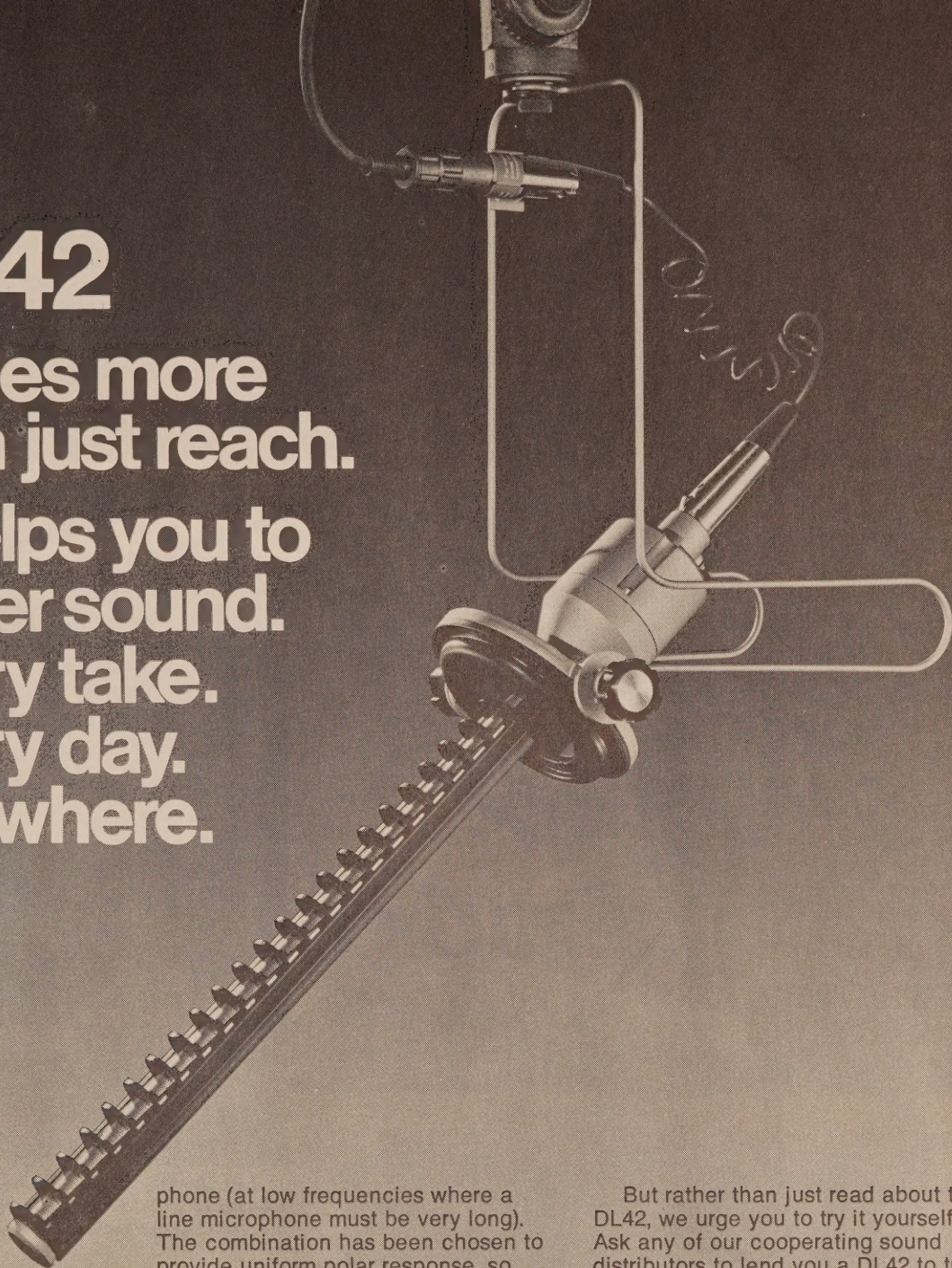
The IBS Board and National Staff are working on projects to help your station in many ways; get the most from their efforts by doing these things which are necessary to channel IBS services to you.



# DL42

It does more  
than just reach.

It helps you to  
better sound.  
Every take.  
Every day.  
Anywhere.



Since 1962 when the E-V Model 642 earned an Academy Award certificate for contributions to motion picture sound, there have been a lot of attempts to better this pioneering design.

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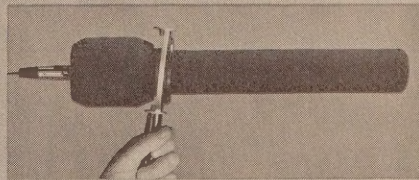
It's the E-V DL42.

Weight has been reduced to 1/4 of the 642... even less than most highly-directional condenser microphones. And size has been shaved wherever possible. The DL42 is a unique combination of line microphone (at the high frequencies) and cardioid micro-

phone (at low frequencies where a line microphone must be very long). The combination has been chosen to provide uniform polar response, so important to consistent sound quality. Off-mike pickups even sound good (although lower in level), a particular advantage to documentary units and free-wheeling shows where the unexpected is always happening.

The good pickup quality off axis has another practical benefit in the studio. Because maximum rejection is at the sides (where most of the noise comes from) you can work at a remarkable distance when necessary. So when a long shot is called for, the DL42 can be moved upward and cover the entire area with good quality and level. In fact the DL42 is more like a *super-super-cardioid*. And it covers with less racking and panning of the microphone than you ever needed before.

But rather than just read about the DL42, we urge you to try it yourself. Ask any of our cooperating sound distributors to lend you a DL42 to try on your next production. No cost or obligation to serious professional users. Write today for a DL42 technical data sheet. Good reach with good sound. We think you'll like what you hear.



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MORE INFO? CIRCLE SERVICE CARD ITEM 36.

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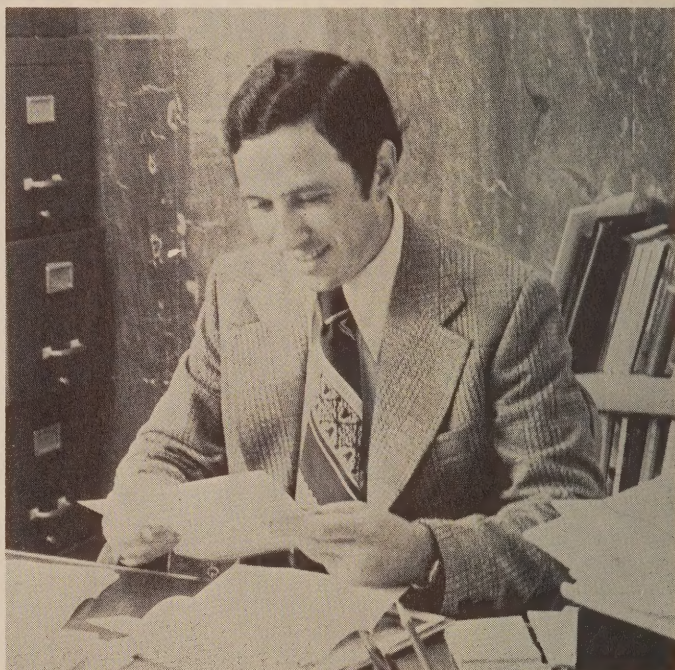




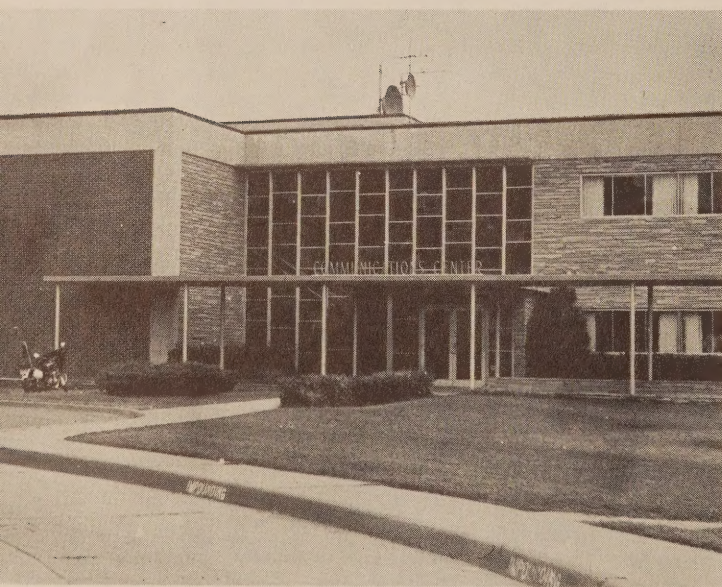
*Central State University's ever growing campus now covers forty acres located just two blocks from downtown Edmond.*

# a new home for the journal of college radio

Steve McIntyre



*Jack Deskin, editor and publisher of JCR, is the new general manager of KCSC-FM. Deskin also teaches a full schedule of classes in the Oral Communications Department.*



*The communications building is the home of KCSC-FM on the Central State campus. CB also houses the Oral Communications Department.*

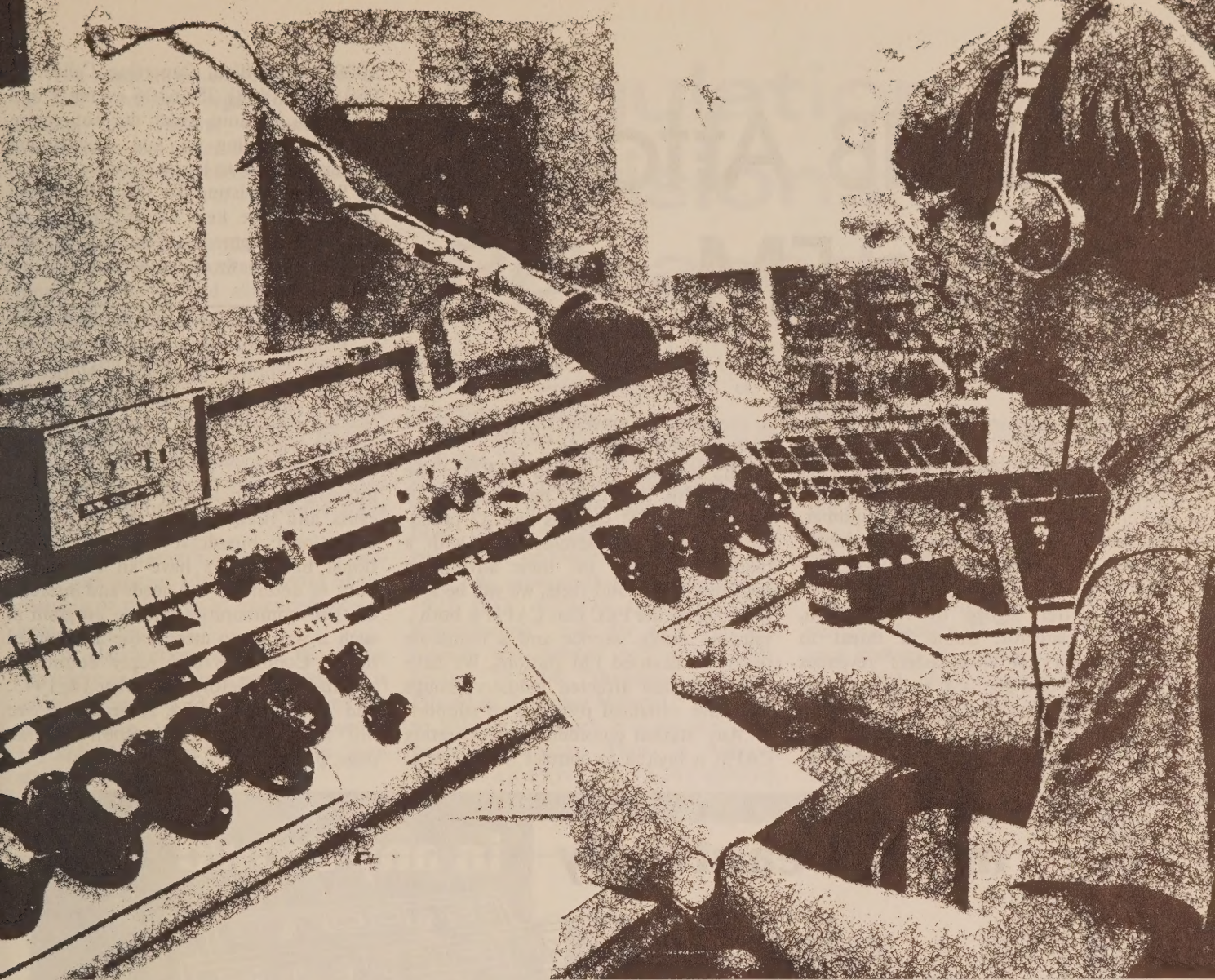
The month of September brings around another school year and the beginning of a new year for the Journal of College Radio. This September also brought a change of address for JCR. Our new home is now Central State University in Edmond, Oklahoma.

Located just north of Oklahoma City, Edmond is placed almost at the geographical center of the state. Edmond was recently named the fastest growing city in the state and now boasts a population of more than 20,000.

Central State University, the oldest state educational institution, was established by the Territorial Legislature in December, 1890. From an institution of twenty-three students in 1891, Central has grown to an enrollment of more than 12,000 students.

The new voice of the JCR is KCSC-FM, located in the Homer L. Johnson Memorial studios in the heart of the campus. KCSC is an integral part of campus life, providing not only training for broadcasting majors, but also offering a





*C. D. Dunivan, graduate student in broadcasting, puts news and music together for "The Gentle Sound" of KCSC-FM. Programs cover the metro Oklahoma City area from the Homer L. Johnson Memorial Studios.*

medium for student activity. KCSC provides FM and classical programming to the campus and the greater Oklahoma City metro area with 28,500 watts of stereo power. It covers campus talent, publicizes activities, and also provides a student publicity service. KCSC is the only station in central Oklahoma which carries the Saturday afternoon Metropolitan Opera broadcasts from New York City.

Jack Deskin, editor and publisher of JCR, teaches a full schedule of classes in the Oral Communications Department as well as handling his added duties as general manager of KCSC. The station also employs a full complement of broadcasting students as announcers and newsmen.

In the words of Dr. Max O. Davis, chairman of the Oral Communications Department, "KCSC's purpose is twofold. One, to provide a professional training opportunity for broadcasting majors which is unequalled in this part of the country, and two, to provide the metro area with fine music, filling a cultural void."



*Mike Sims edits a program before air time in one of KCSC's production facilities.*



# NAFMB Attacks Cable FM

**Ludwell Sibley**

The National Association of FM Broadcasters is reportedly planning to act against cable FM. The NAFMB sent a letter to its members in mid-summer. Enclosed was an article from the July 7 issue of "Billboard" describing CABL, the Los Angeles cable station.

The letter, signed by Abe Voron, executive director, claims a threat to conventional FM broadcasters' revenues posed by CAFM stations. It declares that the NAFMB has retained a Washington law firm to act before the FCC. The NAFMB claims readiness to do "whatever

is necessary to prevent the proliferation of 'Cable Radio Stations.'"

IBS is ready to defend CAFM in the face of this threat. We have warned 38 operating CAFM stations and 22 potential ones of this development, with a request for data on their advertising revenues. With solid facts, we will be able to prove to the FCC that CAFM is both, valuable public service and a miniscule threat to licensed FM stations. We have also contacted affected industry groups and have obtained promises of support.

Any station considering or operating CAFM is invited to contact the writer at

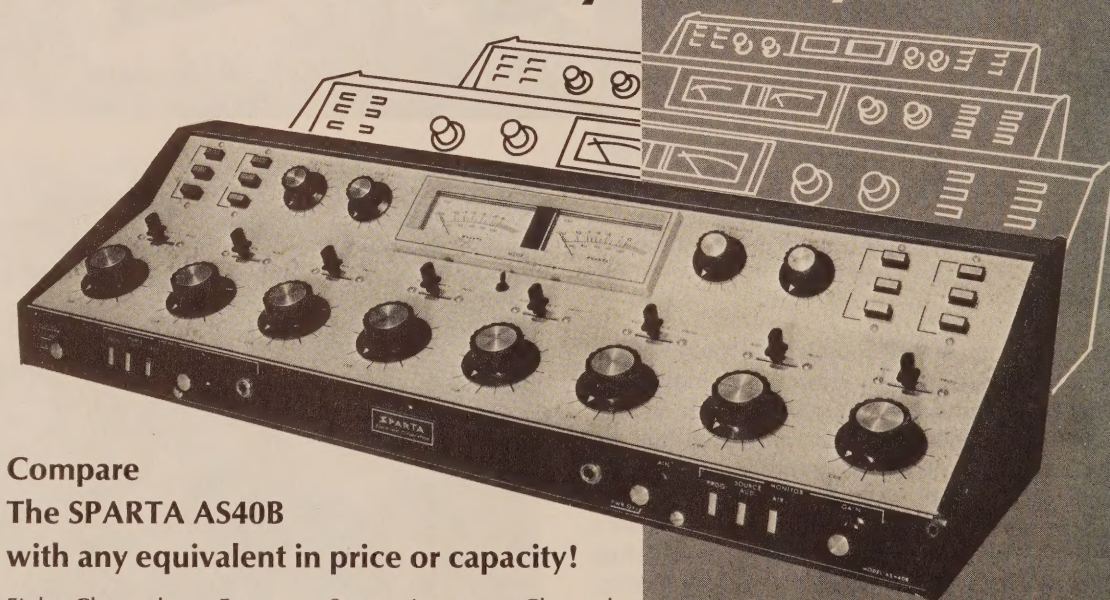
10295 Scenic Blvd., Cupertino, California 95014, or (408) 257-6106 evenings and weekends. Stations which did not receive the IBS mailing in late August are especially urged to let us know.

Stations assisting the IBS information request will be kept advised directly of future developments. The Journal will carry further news of this action.

## Ascertainment of Community Problems Proposed for Educational Stations

The Commission issues a Notice of Inquiry and Notice of Proposed Rule Making concerning its requirements and policies with respect to the ascertainment of community problems, needs and interests by educational broadcast applicants and licensees and the renewal of educational broadcast licenses. Educational broadcasters have an affirmative duty to determine the needs and interests of their communities and to program in such a way as to meet those ascertained needs. Comments and reply comments are due on or before December 14, 1973, and January 14, 1974, respectively. See full text in *Sign Off* section of this issue, p. 20.

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MORE INFO? CIRCLE SERVICE CARD ITEM 37.



As a result of the continuing study by its Task Force on re-regulation of broadcasting, the Federal Communication Commission has under consideration the matter of amending certain provisions in Parts 73 and 74 of its Rules and Regulations.

The amendments update a number of rules, delete parts of others which are no longer applicable, and eliminate various requirements which are no longer necessary.

The following changes are made for the reasons indicated:

Section 73.23(e) is amended to delete the requirement that notification must be made to the Commission and its District Engineer in Charge when a specified hours station operates beyond the hours specified in its license.

(1) The station's operating and program logs are an adequate record of the carrying of this type of extended special-events programming.

For clarification purposes, the phrase "to carry special events programming" is added to Section 73.23(e) to define the programming which may be carried beyond the hours specified in such station's license.

(1) The rule has been administered in

this context and is understood by the industry to mean programming of a special events nature.

Each of the "Program Log" rules for AM, FM, Ed. FM and TV is amended to correct the reference therein to the number of the "Mechanical Reproduction" rule in accordance with which an entry must be made in the program log.

(1) By previous Order of November 1, 1972 (FCC 72-967), the "Mechanical Reproduction" rule for each of those services was deleted and a new rule, Section 73.1208, "Broadcast of Taped, Filmed or Recorded Material," was added to Subpart H, which is applicable to all broadcast services. Thus, in Sections 73.112(a)(4)(iv), 73.282(a)(4)(iv), 73.582(a)(2), and 73.670(a)(4)(iv) con-

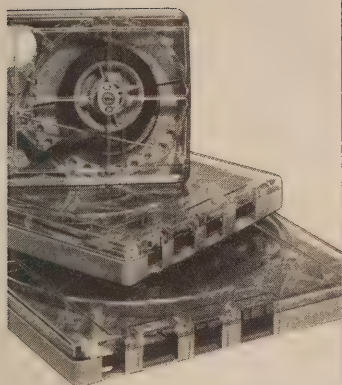
cerning program logs, the reference to §§73.118, 73.288, 73.588 and 73.653 is changed to 73.1208.

The provision in Section 73.582(a)(2) for entry of the "sponsor's name" in the program log of noncommercial educational stations is changed to the "name of any donor announced pursuant to Section 73.289."

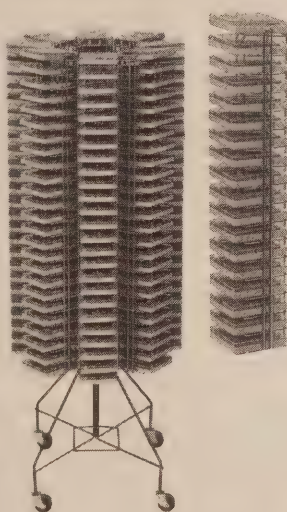
(1) The term "donor" is more appropriate for noncommercial educational FM stations. Section 73.503(d) provides that such stations are subject to the provisions of 73.289 (announcement of sponsored programs) to the extent that they are applicable to the broadcast of programs produced by, or at the expense of, or furnished by, others. The name of the donor announced pursuant to 73.289

# Regulation Revisions Released

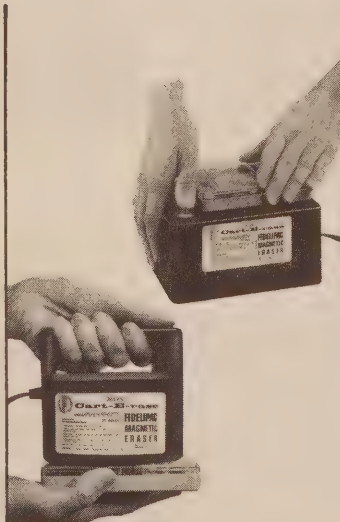
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## TIMEKEEPER

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would be entered in the program log.

References to political editorials in the title of §73.598 and in the provisions of 73.598(b) pertaining to Noncommercial Educational FM stations are deleted.

(1) Section 399 of the Communications Act of 1934, as amended, (added by Public Law 90-129, November 7, 1967), provides that "No noncommercial educational broadcasting station may engage in editorializing or may support or oppose any candidate for political office."

Section 73.935(b) concerning Emergency Broadcast System operation is amended to correct references therein to number of the rules regarding rebroadcasts of programs.

(1) The rebroadcast rules for each of the services, AM, FM, Ed. FM and TV, were deleted by previous Order of November 1, 1972, and a new rule §73.1207 was added to Subpart H, which is applicable to all such stations. Thus, references in 73.935(b) to Sections 73.121(b) and (d), 73.219(b) and (d), 73.591(b) and (c), and 73.655(b) and (c) are changed to 73.1207.

Sections 74.13 and 74.14 are

amended to delete the requirements that notification must be given to the Commission and its District Engineer in Charge when a permittee begins equipment tests [74.13(a), (b), (c), (d)] or program tests [74.14(a), (b), (c), (d)] on any class of broadcast station listed in Part 74 (Experimental TV, Experimental Facsimile, Developmental, Remote Pickup, Aural STL and Intercity Relay, TV Auxiliary, TV Translators, Instructional Fixed, FM Translators and Boosters).

(1) Such notifications are no longer needed or useful for administrative purposes, and elimination of the requirement relieves both the permittee and the Commission of an unnecessary paperwork burden.

Amendments adopted are editorial revisions, deletions, corrections and relaxations of existing rule provisions which we consider no longer necessary. They also conform language of certain rule provisions to established Commission policy and practice. It is the belief of the Commission that these changes will inure to the benefit of many and to the detriment of none. "Adoption of the amendments will better serve the public interest," said the F.C.C.

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MORE INFO? CIRCLE SERVICE CARD ITEM 40.

# consoles



# Adrienne L. Parks Appointed Manager for Educational Services

Adrienne L. Parks has been appointed to the newly created position of Manager for Educational Services of the American Advertising Federation, according to an announcement by AAF President Howard H. Bell.

One of her major responsibilities will involve services to AAF/ADS campus chapters, following the recent merger of the Federation with the national student advertising society.

She will report to Jonah Gitlitz, AAF Executive Vice President.

Ms. Parks was a member of ADS as an advertising and public relations undergraduate at the University of Maryland. She received her Bachelor of Science degree in 1970.

Her background also includes working with college students while on a graduate assistantship, also at Maryland, and doing copy and layout, speech writing, program planning, and public relations for various non-profit organizations. These include the Credit Women's Breakfast Club of Washington, D.C., and the College Park Business and Professional Women's Organization. She is currently completing her master's degree.

In addition to AAF/ADS, Ms. Parks also will assist with the AAF National Student Advertising Competition, the annual Advanced Management Seminar for Marketing and Advertising Executives held at Harvard, as well as the handling of over 600 monthly requests for information by students and faculty.

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Typically, you get  $\pm 0.035\%$  rms flutter; low, low rumble; and you can cue to any beat or syllable with a wow-free start from the world's only remote-controlled turntable.

A lot of broadcasters must think the EMT-930st is a smart investment. Right now, there are more than 10,000 in use throughout the world. We know of only one greater value: our brochure. It's free. Send for it today.

**\*Name of this and other station users on request.**

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AUDIO CORPORATION  
741 Washington Street, New York, NY 10014 (Tel: 212-741-7411)  
1710 N. La Brea Ave., Hollywood, CA 90046 (Tel: 213-874-4444)

## AN AD ABOUT THE OTHER AD ON THIS PAGE.

This is the most expensive turntable you can buy.

Also the cheapest.

It's a simple matter of economics. And quality.

Nowadays, the EMT-930st Turntable costs considerably more than any other turntable. But, for your money, you get a precision-made turntable that really slashes maintenance costs because it's virtually trouble-free. ("Still in excellent condition despite ten years of hard use," says one pleased radio station.\*)

Typically, you get  $\pm 0.035\%$  rms flutter; low, low rumble; and you can cue to any beat or syllable with a wow-free start from the world's only remote-controlled turntable.

A lot of broadcasters must think the EMT-930st is a smart investment. Right now, there are more than 10,000 in use throughout the world. We know of only one greater value: our brochure. It's free. Send for it today.

**\*Name of this and other station users on request.**

**GOTHAM**  
AUDIO CORPORATION

Be honest with yourself! Of all the audio equipment your station operates, which is the most troublesome? Which requires the most preventive and break-

down maintenance? Which piece of equipment have you purchased every time from a different manufacturer without ever finding one that truly satisfies you?

I bet it's your *turntable*! So, you can hardly be blamed if you read the ad across the way with polite disbelief.

Our advertising agency may indeed prepare pleasant looking ads. But you know that no other motor operated device in your set-up, excepting possibly your cartridge machine, gets so much continuous use (or abuse). Consequently, you're forced to re-buy turntables too often because they fall apart.

That's why I want to tell you—in my own words, without benefit of agency!—that you can really save yourself a great deal of money simply by placing yourself in the position of one of our clients, who writes: "We have six EMT-930 turntables that have been in constant use since 1960. We think they are the greatest we have ever used, but they are *beginning* to need a few parts."

### EIGHT YEARS WITHOUT REPLACEMENT PARTS!

Impossible? We'll be happy to send you their name and a list of many others with similar experiences. We believe a turntable must be a turntable *system*. That means a complete unit from the platter through the arm and cartridge, remote controls, solid state line level output amplifier, dropping lever, cue lamp, cue amplifier etc., all assembled by one manufacturer with undivided responsibility.

You'd certainly never build your own tape recorder...buy the three motors from one place, the head assembly from another, and the amplifiers from a third. You should do no differently with your turntable.

The EMT-930st fully integrated turntable system has meant the last turntable investment for a large number of stations and networks. Virtually every New York FM stereo station uses them, as do NBC, CBS, WTIC, WDAK, and many, many others.

It may appear expensive at first sight; it's the most economical in the long run. Call Mr. Passin (New York) at 212-741-7411 or Mr. Allen (Hollywood) at 213-874-4444 collect. They'll give you the confidence to act.

Stephen F. Temmer, President  
Gotham Audio Corporation



The field of "carrier-current" radio includes, in addition to powerline applications covering dormitories, several uses involving limited free radiation from a distribution wire. News of what's going on in this area may be of interest to C-C broadcasters.

The licensed carrier-current system at the Los Angeles International Airport has

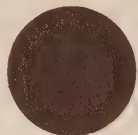
been in operation since November on a one-year experimental license. It provides information on traffic and parking conditions to drivers approaching the airport on Century Boulevard in the suburb of Inglewood, California. It operates 18 hours daily under experimental call sign KQ2XUB. The airport itself is highly complex, with seven separate terminals

and multiple parking areas. By reducing driver confusion, the system is expected to diminish the occurrence of traffic tie-ups.

RTV Management, Inc., a New York consulting firm, received a \$250,000 contract to install the system, operate it one year, and study its effectiveness.

The system operates with taped repeating messages, with the capability of rapid updating during periods of traffic congestion. There are actually two information systems, one for drivers first approaching the airport and one for those who have passed partway through. A staff of five engineer-announcers operates the station. A library of 75 cartridges is available, but new messages can be prepared quickly or live announcements used. Information sources include the police, airport security staff, a parking-lot surveillance team, and direct CCTV observation.

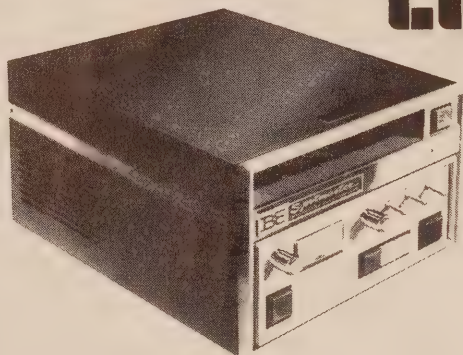
The actual transmission is by means of special radiation cables buried near the roadway. The two radiators, each fed by



# Spotmaster

The incomparable

# Ten70



## World's finest cartridge tape equipment

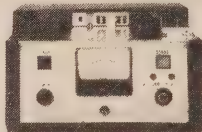
Here is the bold new standard in cartridge tape performance, versatility and ruggedness—the equipment that has *everything*! Five models of the magnificent Ten/70 are offered to meet every recording and playback application. All have identical dimensions. Any combination of two will fit in our sleek 19-inch roll-out rack panel, just 7 inches high.

Control features and options include manual high-speed advance, exclusive Auto-Cue with automatic fast-forward, automatic self-cancelling record pre-set, front panel test of cue and bias levels, built in mike and line level mixer, color-coded design for easiest possible operation.

Inside is a massive U.S.-made hysteresis synchronous "Direct Drive" motor, solid state logic switching, modular construction and premium components throughout, separate heads for A-B monitoring, full bias cue recording, transformer input and output, flip-top access to heads and capstan.

**THE CLASSIC 500 C SERIES.** Long the industry standard, SPOTMASTER'S 500 C series is still offered. Performance and specifications are second only to the Ten/70.

For complete details about SPOTMASTER cartridge units (stereo, delayed programming and multiple cartridge models, too), write or call today. Remember, Broadcast Electronics is the No. 1 designer/producer of broadcast quality cartridge tape equipment . . . worldwide!



## BROADCAST ELECTRONICS, INC.

A Filmways Company

8810 Brookville Road, Silver Spring, Maryland 20910 • (301) 588-4983

MORE INFO? CIRCLE SERVICE CARD ITEM 41.

## ATTENUATORS AUDIO

## ATTENUATORS R. F.

## ATTENUATORS ROTARY

## ATTENUATORS STEP

REQUEST  
**ATTENUATOR  
CATALOG  
#102  
FROM**

## SHALLCO

P. O. BOX 1089  
HWY. 301 SOUTH  
SMITHFIELD, N. C. 27577  
919/934-3135

MORE INFO? CIRCLE SERVICE CARD ITEM 42.





Engineer Brian Morgan gets ready for on-air disc playback

# Stanton. Everywhere you turn.



Charles Parker, Program Director, and Chief Engineer Wayne Mulligan, auditioning discs.

Hartford's "Top 40" WDRC AM/FM (serving the community for a half century!) relies on Stanton cartridges in a variety of operations.

Chief Engineer, Wayne Mulligan says "Stanton meets our stringent standards for reliability and sound quality in on-air playback and in the production of transfers."

Stanton's Model 681EE cartridge is their choice for auditioning original recordings and making transfers. Its incredible low mass moving magnetic system ( $\frac{1}{5}$  to  $\frac{1}{10}$  that of ordinary pickups) and its 10Hz to 20,000Hz response, contribute to its exceptional audio quality not only in professional but in home stereo systems, as well.

For on-the-air use, Stanton 500 Series cartridges are the choice for their ability to withstand rugged handling without sacrifice of audio quality, thus assuring high quality sound with minimum maintenance.

The Stanton Dynaphase headsets seen in both photos, enjoy professional acceptance for their true and full-bodied reproduction. They are lightweight and comfortable.

Whether it's recording, broadcasting or home entertainment, enjoy professional audio quality with Stanton products. Write for literature to Stanton Magnetics, Inc., Terminal Drive, Plainview, N.Y. 11803



MORE INFO? CIRCLE SERVICE CARD ITEM 43.



an LPB transmitter operating at 10 watts, total 2.9 miles. The signal is usable up to about 130 feet from the cable. The operating frequency was made 530 kHz after attempts to share channels in the AM band.

The cable is a special design patented [1] by William Halstead of RTV Management. Its inner conductor is grounded. The outer conductor spirals around the inner, and is fed with a controlled amount of RF power. The far end of the radiator is terminated in a resistor of 50 ohms or so. The cable is made by the Superior Continental Corporation.

The Halstead patent also covers a triaxial cable design, whereby the center two conductors are a conventional coaxial design with grounded shield. At intervals of a half mile or so, RF power is picked off the center conductor and applied to the spiral outermost conductor. This more elaborate version would be used for highway information systems covering several or many miles of road [2]. This plan is under consideration for coverage of a 17-mile section of Interstate 405 in Los Angeles. A similar test is being considered in the Midwest.

Halstead had actually taken part in a traffic-radio test as early as 1940 on the eastbound lanes of the George Washington Bridge leading into New York City—550 kHz was used with an open-wire radiator. The necessary range was short enough not to require a license under Part 15.7 of the FCC Rules.

The LPB Company has been experimenting with the Halstead cable for use in drive-in theater applications [3], replacing speaker boxes. The cable reportedly gives more uniform and controllable signal levels than the simple buried wire loops previously tried, giving less chance of violating the radiation rules.

The airport installation was licensed in accordance with Section 15.2(b) of the Rules, which allows licensing of special applications which are shown to serve the public interest. The airport license is the first one known to have been granted under this regulation, and is non-commercial in nature. Others have apparently been granted since. Some uneasiness has reportedly built up among conventional broadcasters, especially those with extensive traffic-reporting staffs, about possible dilution of their audiences if applications of this sort become common.

The writer has tried out the airport system on two occasions. Both car radios tuned to 530 easily, although with not much extra frequency range—a lower channel would not have been reachable. The signal was quite clear, comparing in strength with Los Angeles metropolitan area stations which provide roughly 5 mV/m in the airport area. Being outside the broadcast band, of course, the signal was interference-free. Variations in level were not detectable by ear in the main coverage area, and the transition from the first loop to the second occurred smoothly over about 100 feet of travel.

These radiating-cable applications are not particularly related to college carrier-current broadcasting, of course, but their success may set the stage for favorable revision of the Part 15 regulations. We will continue to watch developments closely.

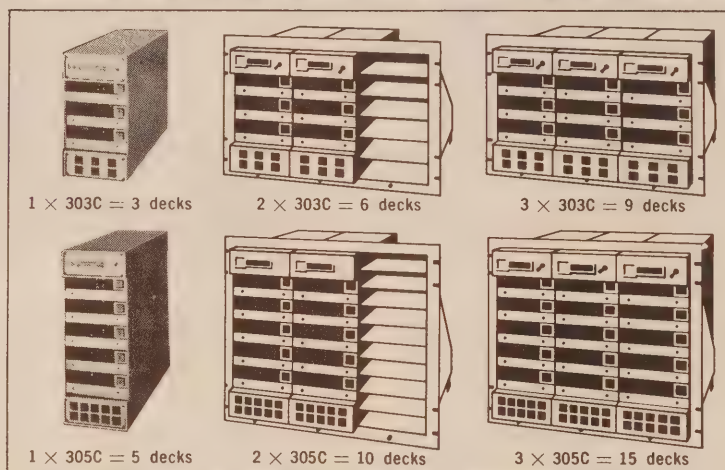
#### References

1. U.S. Patent 3,609,247, "Inductive Carrier-Current Communication Systems"; Sept. 28, 1971.
2. W. S. Halstead and R. A. Mazzola, "Highway Communication Using Wide-Band Cable and Inductive Transmission Methods," IEEE Transactions on Vehicular Technology, Vol. VT-19, No. 1, Feb. 1970, pp. 59-68.
3. "Effecting Greater Economics in Drive-In Radio Sound Use," The Independent Film Journal, Feb. 5, 1973.



*Spotmaster*

## Multi-Cartridge Decks Grow with Your Needs!



Mix and match these new SPOTMASTER multi-cart decks. They're designed to meet your needs today, and grow with them tomorrow.

Look at our 303C and 305C Mini-Decks. Space-saving combinations of 3, 5, 6, 9, 10 and 15 decks accept type A carts. Slightly wider is our Mini-603C (not shown), accepting both type A and B carts, three decks to a unit, six decks to a compact rack.

All these mini-giants feature plug-in, modular, solid state construction with separate audio amplifiers, selectable output level (-10, 0, +8), logic switching, and many more features. They're ideal for manual operation or programmed automation systems.

Save still more money with our time-tested Five-Spot and Ten-Spot multi-cart players. You can even get plug-in record modules. Write or call for complete information:

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MORE INFO? CIRCLE SERVICE CARD ITEM 44.



# BOOK REVIEWS

## MATV SYSTEMS HANDBOOK — DESIGN, INSTALLATION AND MAINTENANCE

By Allen Pawlowski, Blue Ridge Summit, Pa. TAB Books, \$7.95 hardbound; \$4.95 paperback; 176 pages.

Tells how to select the right antenna system for any MATV/CATV application.

From antenna basics, including an explanation of decibels and their use in calculating relative antenna gain, down to TV filters and attenuators, the author offers a bedrock background for readers unfamiliar with technical terminology. He covers the various types of antennas for VHF and UHF, down-conversions, mixers, filter and traps, isolation and insertion loss, impedance matching, and selectivity. Text and figures illustrate amplifiers and preamps, bandwidth and gain, distortion problems and solutions, and noise-figure calculation. Simple

algebra is used, in addition to simple addition/subtraction, and each move or calculation is explained fully.

The basics of master amplifiers, coax cables, splitters and couplers, taps and other terminating devices, and matching transformers are covered in the early portions of the book. With this background, the reader is shown the ins and outs of designing MATV/CATV systems. Here, the author points out problems associated with antenna siting and locations, antenna types for various needs, wiring cable runs, downleads and tapoffs, etc. Thereafter, text and tables show how to calculate MATV signal boost and attenuation levels, using as examples apartment buildings, schools (including a quick treatment of closed circuit ETV), and other "institutional" installations.

Included are details on how to get VHF and UHF with a single system, calculations for a typical system in a 12-story apartment building, and how to work back from "signal level needed" to arrive at the "proper gain vs selectivity" parameters at the head end.

Of very real importance is the section that describes what a field strength meter is and what it can do—in short, its

indispensability in MATV work. In practical examples, the reader is shown how to balance the head end, how to test all lines, check picture quality, and how to avoid and overcome such problems as ghosts and multipath distortion.

## UNDERSTANDING & USING THE OSCILLOSCOPE

By Clayton Hallmark, Blue Ridge Summit, Pa. TAB Books, \$7.95 hardbound; \$4.95 paperback; 256 pages.

Here is down-to-earth yet intensive text that makes using a scope as easy as A-B-C. This excellent guidebook is designed especially for technicians who'd like to become more familiar with the most versatile piece of test equipment ever devised, and for the beginner who wants to get started in servicing the right way. This comprehensive volume is packed with detailed information on scopes of every type and price range. With special emphasis on solid-state circuits in modern scopes, the book describes basic functions, scope circuits, ac vs dc inputs, differentiated and integrated pulses and waveforms, and it outlines every conceivable electronic test likely to be performed on any equipment.

# Don't let clipping penalize your broadcast program format

Whatever your program format, hard rock to classical — Our new Modulimiter model BL-40 Broadcast Limiter can maximize your transmitter power and extend coverage. It provides for independent adjustment of RMS compression and peak limiting *without clipping*. Symmetrical or asymmetrical limiting as you wish. Output level can be matched to any transmitter input. Modulimiter has low noise, low distortion, integrated circuitry and a test switch for proof-of-performance.

So, blow the whistle on broadcast performance problems and get maximum program performance with the BL-40 Broadcast Limiter.

Write for complete specifications.

## Score with Modulimiter



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Telex: 65-1389 UREI LSA

MORE INFO? CIRCLE SERVICE CARD ITEM 45.



# MUSIC INDUSTRY DEPARTMENT

## Albums

GOATS HEAD SOUP  
BROTHERS & SISTERS  
DARK SIDE OF THE MOON  
THERE GOES RHYMIN' SIMON  
THE CAPTAIN & ME  
FANTASY  
DELIVER THE WORD  
HEY NOW HEY  
LOVE, DEVOTION, SURRENDER  
CHICAGO VI  
LOS COCHINOS  
KILLING ME SOFTLY  
TOWER OF POWER  
CRAZY EYES  
RAINBOW CONCERT  
FOREIGNER  
PASSION PLAY  
MY MARIA  
WE'RE AN AMERICAN BAND  
INNERVISIONS

THE ROLLING STONES  
ALLMAN BROS.  
PINK FLOYD  
PAUL SIMON  
DOOBIE BROS.  
CAROLE KING  
WAR  
ARETHA FRANKLIN  
SANTANA & McLAUGHLIN  
CHICAGO  
CHEECH & CHONG  
ROBERTA FLACK

POCO  
ERIC CLAPTON  
CAT STEVENS  
JETHRO TULL  
B. W. STEVENSON  
GRAND FUNK  
STEVIE WONDER

STICKY FINGERS  
WARNER BROS.  
CAPITOL  
COLUMBIA  
WARNER BROS.  
A&M  
UNITED ARTISTS  
ATLANTIC  
COLUMBIA  
COLUMBIA  
A&M  
ATLANTIC  
WARNER BROS.  
EPIC  
RSO  
A&M  
WARNER BROS.  
DUNHILL  
CAPITOL  
MOTOWN

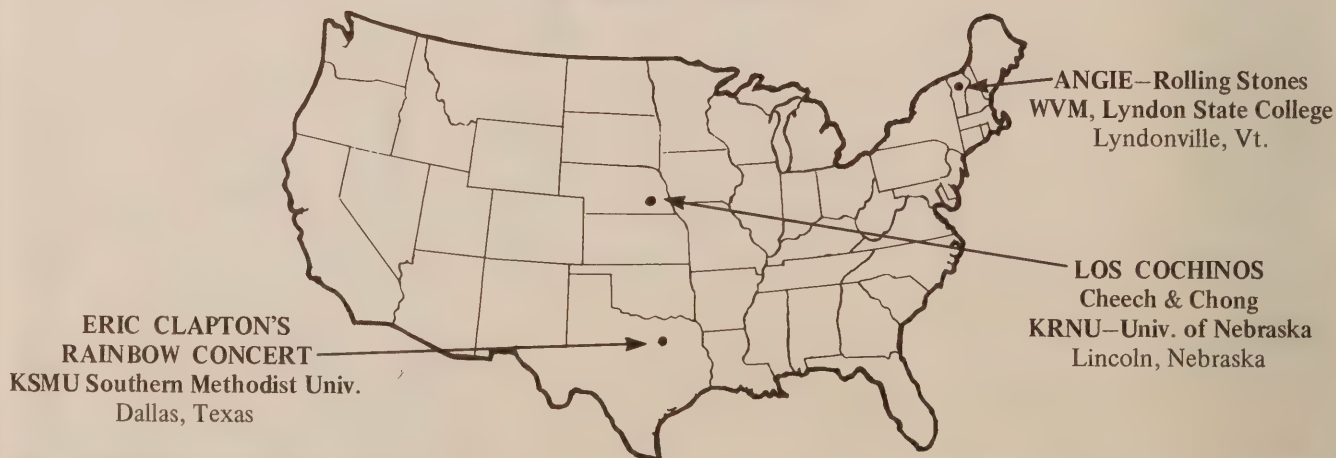
## Singles

ANGIE  
LET'S GET IT ON  
WE'RE AN AMERICAN BAND  
FREE RIDE  
SATURDAY NIGHTS ALRIGHT  
LOVES ME LIKE A ROCK  
RAMBLIN' MAN  
MUSKRAT LOVE  
BROTHER LOUIE  
KNOCKIN' ON HEAVENS DOOR  
ANGEL  
CHINA GROVE  
ROCKY MOUNTAIN WAY  
BASKETBALL JONES  
ALL I KNOW  
GYPSY MAN  
IF YOU WANT ME TO STAY  
MY MARIA  
HALF BREED  
HIGHER GROUND

ROLLING STONES  
MARVIN GAYE  
GRAND FUNK  
EDGAR WINTER GROUP  
ELTON JOHN  
PAUL SIMON  
ALLMAN BROS.  
AMERICA  
STORIES  
BOB DYLAN  
ARETHA FRANKLIN  
DOOBIE BROS.  
JOE WALSH  
CHEECH & CHONG  
ART GARFUNKEL  
WAR  
SLY AND THE FAMILY STONE  
B. W. STEVENSON  
CHER  
STEVIE WONDER

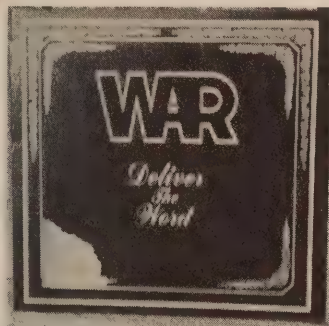
STICKY FINGERS  
MOTOWN  
CAPITOL  
EPIC  
MCA  
COLUMBIA  
WARNER BROS.  
WARNER BROS.  
BUDDAH  
  
ATLANTIC  
WARNER BROS.  
ABC DUNHILL  
A&M  
COLUMBIA  
WARNER BROS.  
COLUMBIA  
DUNHILL  
MCA  
MOTOWN

## Break-Outs





## Record Reviews



### DELIVER THE WORD

WAR

UALA128F

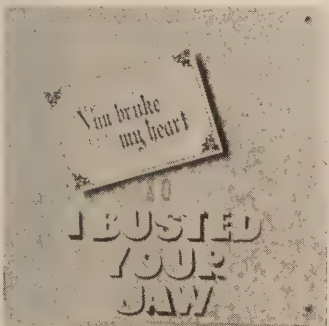
Released to coincide with their current nationwide tour, this latest offering from WAR once again shows the groups' versatility and artistry as composers and musicians. Watch for WAR to keep on keepin' on. "GYPSY MAN" and "ME AND BABY BROTHER" are excellent cuts, as well as the lengthy "OVERTURE."



### BROTHERS AND SISTERS

ALLMAN BROTHERS BAND WB-CP0111

Listen to this album one time and you will understand how and why 600,000 people went to Watkin's Glen last August. "RAMBLIN' MAN" now on the top 40 charts. "JESSICA" and "SOUTHBOUND" are good album cuts, but somewhat long.



### YOU BROKE MY HEART SO I BUSTED YOUR JAW

SPOOKY TOOTH

A&MSP4385

When SPOOKY TOOTH broke up a little more than two years ago there were a lot of broken hearts, mine included. Now they are back together again and the SPOOKY TOOTH sound is better than ever. Don't let the album title or the bizarre inside cover scare you, all the cuts are suitable for and should get airplay. "COTTON GROWING MAN" and "OLD AS I WAS BORN" are two of my favorites, but the entire album is great.



### MY MARIA

B. W. STEVENSON

RCA APL1-0088

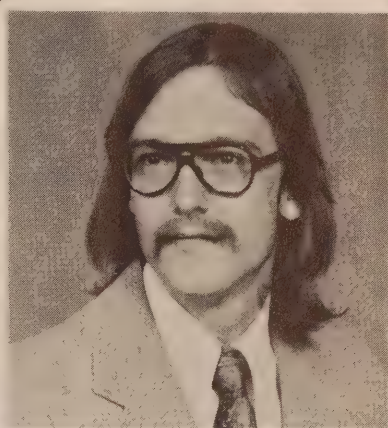
"MY MARIA" is now climbing the charts all over the country and already looks to be a million seller. Stevenson has the assistance of some very able personnel on this album, i.e., Jim Gordon, drums; Joe Osborn, bass; and Larry Carlton on lead guitar. Other familiar cuts include "SUNSET WOMAN" and "SHAMBALA."

## In Memoriam

JIM CROCE 1943-1973

Like a candle that is snuffed out when it is burning its brightest. Jim Croce died at the time when he was just beginning to reap the reward of his genius.

## DISC NOTES



Steve McIntyre is a 24-year-old junior at Central State University majoring in speech and broadcasting. Now in his second year as an announcer at KCSC-FM, Steve brings an extensive background in music with him to JCR. The son of a music instructor with the Tulsa Public Schools, Steve has had practical experience in all types of music from jazz to classical to rock & roll. Steve has performed with numerous stagebands, orchestras, and smaller groups, and was a member of the award-winning Young Tulsans concert and marching band. Steve plans to receive his bachelor's degree from Central State and continue working in the broadcast industry.

### Steve McIntyre

Let me begin the new school year by saying how pleased I am to take over from Rick here at JCR. Rick did a fine job and I hope to do as well if not better.

First of all, my thanks go to Stan Bly at Phonogram/Mercury, Inc., for the dynamite package of new releases he sent over. It includes: the Bachman/Turner *OVERDRIVE* LP, the *NEW YORK DOLLS*, the Spencer Davis Group LP, *GLUGGO*, and a single by a great new female vocalist named Marsha Hunt. Thanks again, Stan.

I am going to continue the format of the Music Industry Dept., except I'm going to make one addition which I hope meets with approval and becomes a regular feature in the future. *CONCERT CALL* will appear as a monthly service of this department in order to relay information on upcoming concerts and appearances by top individuals and groups. If you need concert info, or have info to pass along, write to me at the address below. Also, continue to send your playlists and "Breakouts" as these will still be features of this department. Thanks a lot and I'll see you next month.

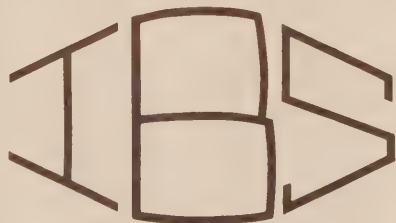
Steve McIntyre  
Journal of College Radio  
Central State University  
Edmond, OK 73034



# Other New Releases

**JIMMY CLIFF**  
WONDERFUL WORLD, BEAUTIFUL PEOPLE A&M  
DANNY O'KEEFE  
ANGEL SPREAD YOUR WINGS ATLANTIC

**JESSE ED DAVIS**  
KEEP ME COMIN' EPIC  
FRAMPTON'S CAMEL  
FRAMPTON'S CAMEL A&M  
STEPHEN STILLS' MANASSAS  
DOWN THE ROAD ATLANTIC  
ROGER DALTRY  
DALTRY MCA  
LEE MICHAELS  
NICE DAY FOR SOMETHING COLUMBIA  
KANTNER, SLICK, FRIEBERG  
BARON VON TOLLBOOTH & THE CHROME NUM GRUNT  
J. J. CALE  
REALLY SHELTER  
ROXY MUSIC  
FOR YOUR PLEASURE WARNER BROS.  
ANNE MURRAY  
DANNY'S SONG CAPITOL  
MICHAEL MURPHEY  
COSMIC COWBOY SOUVENEIR A&M  
ESPERANTO ROCK ORCHESTRA  
ESPERANTO A&M



NATIONAL CONVENTION

**INFORTAINMENT**

APRIL 5-6-7, 1974

Watch for more details in coming issues.

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STATEMENT REQUIRED BY THE ACT OF AUGUST 12, 1970, SECTION 3685, TITLE 39, UNITED STATES CODE SHOWING THE OWNERSHIP, MANAGEMENT AND CIRCULATION OF:

THE JOURNAL OF COLLEGE RADIO published monthly (7 times per year, Sept., Oct., Nov., Dec-Jan., Feb., March, April-May) at Central State University. The General Business Offices of the Publisher are located at the Dept. of Oral Communications, Central State University, Edmond, OK 73034.

The name and address of the Publisher, Editor, and Managing Editor is Jack Deskin; the office is located at the Dept. of Oral Communications, Central State University, Edmond, OK 73034.

The owner is: Intercollegiate Broadcasting System, Inc., whose corporate office is 2005 Industrial Bank Building, Providence, RI. 02903. The names and addresses of stockholders owning or holding one percent or more of total amount of stock are: No stockholders. IBS is a non-profit corporation.

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A) Total no. of copies printed: 4129  
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B) Paid circulation:  
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and carriers, street vendors and counter sales: 0  
2) Mail subscriptions: 3873  
C) Total paid circulation: 3873  
D) Free distribution by: mail, carrier or other means:  
1) Samples, complimentary and other free copies 92  
2) Copies distributed to news agents but not sold: 0  
E) Total distribution: 3965  
F) Office use, left-over unaccounted, spoiled after printing: 164  
G) Total: 4129

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B) Paid circulation:  
1) Sales through dealers and carriers, street vendors and counter sales: 0  
2) Mail subscriptions: 4291  
C) Total paid circulation: 4291  
D) Free distribution by mail, carriers, or other means:  
1) Samples, complimentary, and other free copies: 300  
2) Copies distributed to news agents but not sold: 0  
E) Total distribution: 4591  
F) Office use, left-over unaccounted, spoiled after printing: 109  
G) Total: 4700

I certify that the statements made by me above are correct and complete.

Jack Deskin  
Publisher

TAPECASTER

# NEW X-700RP

- Automatic deck
- Precision adjustable head bracket
- Heavy-duty air-damped solenoid

NET PRICE **\$550<sup>00</sup>**

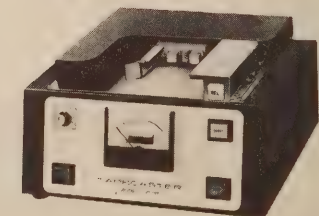
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Box 662 • 12326 Wilkins Avenue, Rockville Maryland 20851  
Area Code 301 881-8888

MORE INFO? CIRCLE SERVICE CARD ITEM 46.



# JOURNAL OF COLLEGE RADIO

IN KEEPING WITH OUR POLICY OF INFORMATION TO MEET THE NEEDS OF THE COLLEGE BROADCASTER, THE JOURNAL OF COLLEGE RADIO NOW MAKES THESE EXCELLENT, INFORMATIVE BOOKS AVAILABLE TO YOU THROUGH OUR OFFICE. WE HAVE CAREFULLY SELECTED THOSE BOOKS THAT WILL BE MOST VALUABLE TO YOU AS A BROADCASTING STUDENT.

## DESIGNING & MAINTAINING THE CATV & SMALL TV STUDIO

**By Kenneth B. Knecht.** Here is a simplified, yet detailed guide on the installation and maintenance of production facilities for CATV, CCTV, ITV, and small broadcast TV studios. This all-in-one handbook is written specifically to help those who need expert, indepth guidance on setting up a small to medium size TV studio. The information provided is sufficient to serve the needs of CATV systems and educational or industrial closed-circuit systems, as well as TV broadcast stations. 256 pages, over 100 illustrations.

Order No. 615

Hardbound \$12.95

## INTERPRETING FCC BROADCAST RULES & REGULATIONS

Worth its small cost many times over to any one involved in radio-TV broadcasting. Contains information essential for day-to-day station operators, as well as for reference. The content not only explains what the FCC Rules require, but also provides clear-cut procedures for complying with federal regulations.

**Volume 2. Order No. 492 Comb-bound \$6.95**

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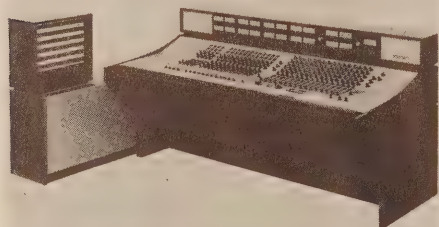


# new products

Cêtec, Inc., announced the introduction of the Electrodyne Series 2000 Custom Recording Console, the first of a new line of Audio Control Consoles.

Features of the Series 2000 include Electrodyne's exclusive 712L 9-frequency graphic equalizer input module and the compact SML-20 channel assign switch module which incorporates up to 24 assignment positions, four echo send selections, program and echo quadraphonic pan pots and solo selector. This board is equipped with 8, 16 and 24 output buses, separate quad bus and three mono buses for headphone distribution. The completely independent quad monitor mixdown has the quad encode/decode and mono-stereo compatibility test functions required by the modern-day studio. Other standard features are a patchbay wing, five frequency test oscillator, talkback and slate controls, tape recorder remote controls and many others.

Cêtec is a subsidiary of Computer Equipment Corporation and is located at 13035 Saticoy Street, North Hollywood, California 91605. Phone (213) 875-1900.



Cêtec, Inc., has announced the introduction of a New Audio Control Center in their Langevin product line. The Series 10 incorporates a wide range of flexibilities with greatly simplified operational functions.

It features 10 full stereo inputs, 10 stereo remote line inputs, straight line faders with Cue positions and a multitude of extra functions that would normally only be incorporated in expensive custom consoles.

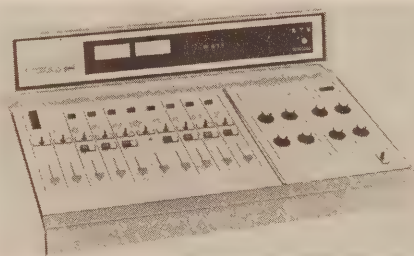
Highlighted features include built-in stop-start switches for auxiliary sound sources, digital clock, panel mounted on-the-air light, contacts for remote microphone switching, cue speaker, fail

safe auto-switched dual power supply and dual 10 watt monitor amplifier.

Options include quadraphonic output, equalization and a mono version.

The Langevin Series 10 is ideal for on-the-air or production work and carries a \$5,365.00 professional users net price.

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## New Time Announce Control from Control Design Corporation

Control Design Corporation announces the immediate availability of their CD60T Time Announce Control Unit. This unit, designed to add versatility to virtually all Broadcast Automation Systems, permits the use of two single play cart machines, two reel-to-reel transports or a combination of cart and reel-to-reel for time announcements. Designed for total reliability—no motors or stepping relays for switching—its internal power fail safety device precludes airing of incorrect time announcements following a shut-down until the unit has been reset. All solid-state construction, the CD60T also features: 60Hz line locked time standard; front panel controls; and one minute cycle time with a one minute announcement always ready to air. Standard EIA rack mounted, the CD60T

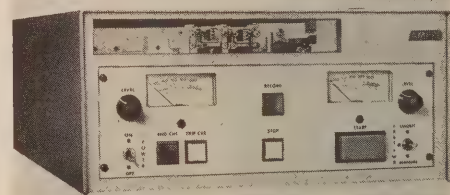


## 10 Cartridge Tape Units Introduced by AMPRO

A complete line of prestige stereo/mono record/reproduce and reproduce only Automatic Tape Cartridge Machines have been announced for immediate delivery by AMPRO Corporation. These heavy-duty units are available in new non-slip stackable desk enclosures as well as standard rack mount versions. They will accommodate all NAB standard Type "A," "B" and "C" Automatic Tape Cartridges.

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AMPRO Corporation also manufactures a complete line of Broadcast Audio Consoles and Multi-Cartridge Units.



works on 110 VAC 60 Hz with export models available. Price is \$375.00 f.o.b. Alexandria, Virginia.

Control Design Corporation also manufactures system components for total automation and distributes a line of automation accessories. It is located at 106 South Pickett Street, Alexandria, Virginia 22304. The telephone number is 703-751-5650.



# new products

A new solenoid-operated, two-speed, reel-to-reel tape deck from AKAI America featuring three GX glass and crystal heads, Dolby noise reduction system and a unique automatic reverse playback system is now being marketed in the U.S. Retail list of the new unit—designated the GX-285D—is \$750.00.

The GX-285D is a four-track, two-channel stereo/mono system and has three motors—a servo-controlled capstan motor and two outer rotor motors.

The AKAI GX head features a focused field which effects the highest possible quality sound perfection. With the GX head, high density recordings can be accomplished resulting in the ability to produce the clearest high-pitched sound.

Another feature is AKAI's unique automatic reverse playback system. When the reverse mode is effected, the pinch wheel automatically separates from the capstan until the selected tape speed is reached.

Tape speeds are  $7\frac{1}{2}$  and  $3\frac{3}{4}$  ips. The unit also features sound on sound, sound mixing and sound with sound, mike and line mixing, universal voltage control, tape selector switch for standard and low-noise high-output tape, and a four-digit tape counter.

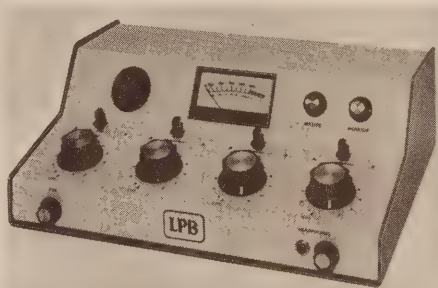
It is equipped with tape and sound monitor switches to facilitate dual monitoring for instant quality checks to assure professional recording. It has automatic stop/shut-off, pause control and remote control socket. It measures 17 by 18 by 10 inches and weighs 50 pounds.



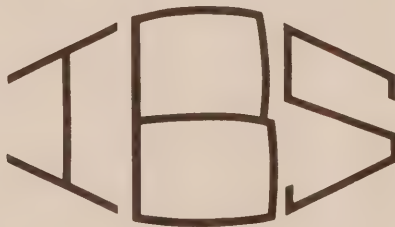
## 4 Channel Production Board Introduced by LPB

LPB Inc., Frazer, Pennsylvania, announces the availability of their new S-9B four channel mono production board. This lightweight unit is constructed of heavy-gauge sheet aluminum for durability. The S-9B measures  $16\frac{1}{2}$ " wide by  $11\frac{1}{2}$ " deep by  $5\frac{1}{2}$ " high. It can be used in a permanent installation, i.e.: newsroom, production studio or mobile unit; as well as for high quality remote applications. Some features include: 8 inputs, 2 per channel; solid-state circuitry and PC board construction throughout;

internal cue and monitor amplifiers; and full spectrum frequency response. Delivered price is \$475.00, f.o.b. Frazer, Pennsylvania.



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# DISCUSSION

Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554  
FCC 73-930 02081

In the Matter of  
Ascertainment of Community Problems by Educational Broadcast Applicants; Amendment of Section IV (Statement of Program Service) of FCC Broadcast Application Forms 340 and 342 (Noncommercial Educational Broadcast Applications); and Formulation of Rules and Policies Relating to the Renewal of Educational Broadcast Licenses.

Docket No. 19816  
RM-1851  
RM-1874

NOTICE OF INQUIRY  
AND  
NOTICE OF PROPOSED RULE MAKING  
Adopted: Sept. 6, 1973; Released: Sept. 11, 1973

By the Commission:

1. The Commission hereby gives notice of inquiry and proposed rule making concerning its requirements and policies with respect to the ascertainment of community problems, needs and interests by educational broadcast applicants and licensees and the renewal of educational broadcast licenses.

2. In petitions for rule making (RM-1851 and RM-1874), the National Association of Black Adult Educators, the National Black American Law Student Association, the National Association of Black Students and Hollis H. Larkins, Jr. (the "Black Associations"),<sup>1</sup> jointly, and Sandra W. Bennett, Ph.D.,<sup>2</sup> individually, have requested revision of FCC Forms 340 and 342<sup>3</sup> to require all applicants for noncommercial educational broadcast licenses, including applicants for renewal of station authorizations, to ascertain community problems, needs and interests and to propose programming in response thereto.<sup>4</sup> A statement in support of each petition has been filed by the National Association of Educational Broadcasters (NAEB), which has also referred to its comments submitted in Docket No. 19153, the Commission's rule making inquiry into the renewal process in the commercial broadcast field. Also, the Corporation for Public Broadcasting (CPB) has filed a petition for rule making (RM-1974), which requests certain changes in the noncommercial educational FM rules dealing with channel allocations, station licensing and operation and technical requirements. In its petition, CPB states that noncommercial FM applicants should be required to show that their stations will be used to serve

ascertained community needs. The CPB petition has relevance to the inquiry herein. However, we are not attempting to dispose of the petition and its various requests concerning the educational FM rules in the context of this proceeding.

3. The Black Associations contend that noncommercial educational broadcasting has witnessed a shift in emphasis from "instructional" programming directed towards the student to "public" programming, which attempts to present news, public affairs and cultural offerings to the community at large. As a result, petitioners assert that educational broadcasters should be charged with the duty of ascertaining the educational and cultural needs of their communities under the same guidelines imposed on commercial broadcasters by the Commission's "Primer on Ascertainment of Community Problems by Broadcast Applicants." See *Report and Order in Docket No. 18774*, 27 FCC 2d 650 (1971). Although petitioners concede that the Commission may have been correct in paying deference to the instructional programming expertise of educational broadcasters during the advent of the noncommercial service, they stress that the evident change in emphasis to public programming demonstrates the need to impose formal ascertainment requirements on educational broadcasters to insure programming responsive to the general educational and cultural interests of communities and to the special problems of minority groups. The Black Associations emphasize the need for diversified ideas if educational stations are to contribute to the educational process and to the development of cultural awareness. In this

regard, petitioners note that some educational television stations have refused to carry certain programs even though the need for such programming was apparent from expressions of interest by the public. In addition, petitioners refer to an independent study of educational television viewing which apparently reveals that educational television is perceived not as a medium for community dialogue but rather as a communications vehicle for the better-educated segments of the population, which usually provide substantial financial support for the service.

4. The Black Associations maintain that even though the ascertainment process is no substitute for media access by the disadvantaged, it does provide broadcasters with the opportunity to program in response to community problems. They point out that several parties, in response to the *Notice of Inquiry in Docket No. 18774*, 20 FCC 2d 880 (1969), urged that educational applicants should not be exempted from the Primer's ascertainment requirements and that they would profit as much as commercial broadcast applicants from the information obtained through community surveys. As petitioners note, the Commission declined to apply the Primer guidelines to applicants for educational broadcast licenses because of the specialized programming presented by educational stations. See 27 FCC 2d at 651. In spite of this determination by the Commission, the Black Associations contend that an educational broadcast applicant must become familiarized with local concerns by surveying his community and by soliciting ideas for relevant programming. Therefore, peti-



tioners request the Commission to amend its rules (Sections 73.503(a) and 73.621(a)) and application forms (FCC Forms 340 and 342) to require educational broadcast applicants to ascertain community problems, needs and interests and to propose programming in response thereto, consistent with existing Primer guidelines and with the following recommended requirements:

- a. the applicant will conduct his ascertainment survey by consulting with students, young people, women and ethnic, economic and political minorities;
- b. the applicant will demonstrate the criteria used to determine community leaders;
- c. the applicant will demonstrate that the leaders selected for consultation are recognized by the groups for which they are selected;
- d. the applicant will conduct his ascertainment survey on a continuing basis and will submit specific evidence semiannually to the Commission to demonstrate that community problems, needs and interests are being served; and
- e. the applicant will demonstrate what steps he has taken to assure continuing contact with his community.

5. Sandra W. Bennett also asks that formal ascertainment requirements be imposed on educational broadcasters. She stresses that there is no sound reason to differentiate an educational broadcaster's obligations in this regard from those attached to a commercial broadcaster. Referring to an NAEB survey, petitioner asserts that local minority programming is virtually non-existent in public broadcasting, and she contends that ascertainment procedures which require an accounting of minority needs and interests should be instituted for educational broadcast applicants. Petitioner suggests that the ascertainment process must be on-going and that educational licensees must be able to show evidence of more than a six-month thrust every three years. She also recommends that every educational broadcaster be required to form a citizens' advisory council, whose membership would reflect diverse segments of the community and whose purpose would be to assist the educational station in identifying community problems and in formulating programming in response thereto.

6. The NAEB, in its statements in support of the rule making petitions, urges the Commission to initiate an

inquiry to explore ascertainment criteria for public broadcasters. According to the NAEB, educational broadcasters must be attuned to the needs, interests and problems of their communities, and reasonable survey and reporting procedures, devised with the unique operations and objectives of noncommercial stations in mind, will assure their responsiveness to the primary needs of their service areas in the form of a continuing dialogue between station and community. Referring to its comments submitted in Docket No. 19153, the NAEB submits that the nature of materials to be included in renewal applications by educational broadcasters should await the outcome of an ascertainment inquiry when the Commission can make a more informed judgment on the content of renewal applications and the announcements to be aired by educational broadcasters.

7. No extended discussion of the basic responsibilities of educational broadcasters is required. Commission regulations provide that noncommercial educational stations are to be licensed upon a showing that the station will be used to advance educational programs (Section 73.503(a)) and to serve the educational needs of the community (Section 73.621(a)). Congress has also recognized the significant contribution which noncommercial broadcasting can make in serving national and local needs, particularly in the areas of instructional and public affairs programming. In providing funding for public broadcasting through the Corporation for Public Broadcasting, Congress specifically declared that one of its purposes was "to encourage noncommercial educational radio and television broadcast programming which will be responsive to the interests of people both in particular localities and throughout the United States . . ." (Section 396(a)(4) of the Communications Act of 1934, as amended). The House Report, in commenting on the initial financial assistance to CPB, stated (H. Rept. No. 572, 90th Cong., 1st Sess., p. 10):

"... the rewards which are reasonably to be expected from this seed program cannot be measured in money alone. Who can estimate the value to a democracy of a citizenry that is kept fully and fairly informed as to the important issues of our times and whose children have access to programs which make learning a pleasure?"

Similarly, the Senate Report of the next year points out that "... public

broadcasting can be ... a vital public affairs medium—bringing in depth many aspects of community and political life; ... a means of examining and solving the social and economic problems of American life today." (Sen. Rept. No. 91-167, 91st Cong., 1st Sess., p. 7). Moreover, the efforts of Congress<sup>5</sup> and the Commission<sup>6</sup> have been directed to insuring that those licensed to operate broadcast facilities do so in a manner that reflects an awareness and responsiveness to the problems, needs and interests of the public. And the Supreme Court has described the broadcaster as a proxy or fiduciary for the public, who is required to make a good faith effort to choose a program service that is responsive to community needs. See *Red Lion Broadcasting Co., Inc. v. F.C.C.*, 395 U.S. 367 (1969).

8. In view of the foregoing, even though formal ascertainment requirements have not been imposed on noncommercial broadcasters, there appears to be no question concerning their obligations in this regard. They, like commercial broadcasters, have an affirmative duty to determine the needs and interests of their communities and to program in such a way as to meet those ascertained needs. See, for example, *Report and Statement of Policy re: Commission En Banc Programming Inquiry, supra*, which attempted to define the scope of a broadcaster's obligation in the following terms:

"The confines of the licensee's duty are set by the general standard 'the public interest, convenience or necessity.' The initial and principal execution of that standard, in terms of the area he is licensed to serve, is the obligation of the licensee. The principal ingredient of such obligation consists of a diligent, positive and continuing effort by the licensee to discover and fulfill the tastes, needs and desires of his service area. If he has accomplished this, he has met his public responsibility. (Footnote omitted). 20 RR at 1912."

And noncommercial broadcasters have increasingly recognized their duty to serve, to a significant extent, as outlets for local expression. When noncommercial

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cial frequencies were first allocated, applications by educational institutions seeking to meet their own institutional needs predominated. The present profile of noncommercial educational stations, however, is quite different, as petitioners have pointed out.<sup>7</sup> Although many stations still devote a portion of their broadcast day to instructional programming, the major part of that day, particularly evening hours and weekends, is occupied by programming which is aimed at a broad spectrum of community problems, needs and interests.<sup>8</sup> In this regard, it is recognized that many educational stations conduct regular assessments of community needs to develop responsive programming even though they are not bound by formal requirements imposed on commercial broadcast applicants and licensees.

9. The noncommercial broadcast service, by definition, differs markedly from the commercial service. It is designed to serve the educational needs of the community, and it is intended to meet cultural and informational interests often given minimal attention by commercial broadcasters who normally program to

reach a large mass audience. This is not to say that noncommercial broadcasting is somehow missing the mark if its programming attracts large audiences. But, quite obviously, noncommercial service can tolerate audiences that would spell immediate disaster in the commercial area. Its strength, in fact, may derive from its ability to be innovative and to serve significant minority tastes, needs and interests. Nevertheless, it is a mistake to regard the noncommercial service as something apart from, and outside of, the basic structure of the Communications Act and Commission policies. The Act and its legislative history and our own pronouncements make clear the obligations imposed on educational broadcasters and the authority of the Commission to examine whether educational broadcasters have sought to ascertain and to meet community needs and to contribute to the goal of an informed electorate through controversial issue programming.<sup>9</sup>

10. Therefore, the Commission agrees with the petitioners that noncommercial educational broadcasters should be attuned to the problems, needs and

interests of their service areas and should present programming in response thereto. We do realize that many noncommercial stations currently assess community needs as a matter of policy in order to stimulate a continuing dialogue with the public and to serve as effective outlets for local expression. We also note that as noncommercial broadcasting has developed, the emphasis has shifted from instructional to public programming and that such a shift magnifies the need for educational broadcasters to be aware of, and responsive to, community needs. In the past, the Commission has not imposed formal ascertainment requirements on educational broadcasters because of the unique character of the noncommercial service. In our *Report and Order in Docket No. 18774, supra*, we stated that the Primer would not be applied to educational broadcast applicants even though several parties had contended that the ascertainment process would profit educational applicants as much as commercial applicants. Since the issuance of the Primer, we have been urged by several parties, including the petitioners, to impose formal ascertainment requirements on educational applicants, and we are now persuaded to re-examine our prior position in light of the apparent shift in programming emphasis with the growth of educational stations and of the increased awareness of the role to be served by educational broadcasting on the local, state and national levels.

11. We therefore invite comments from interested parties on the question of whether formal ascertainment requirements should be imposed on educational broadcast applicants, including applicants for renewal of station authorization, and, if so, what specific obligations should be assessed. We request comments on how educational radio and television stations, given their unique character and the special nature of their program service, can best ascertain community problems, needs and interests and whether there should be special procedures imposed in regard to the ascertainment of educational and instructional needs<sup>10</sup> as opposed to general community needs. We also ask parties to address themselves to the following questions: whether a distinction should be drawn between educational radio and television stations in terms of ascertainment requirements (see paragraph 12, *infra.*); whether a distinction should be drawn between classes of radio stations (for example, between a class D ten-watt FM station

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and a higher-powered educational radio station); whether the existence of a state-wide educational broadcast system should have any effect on ascertainment requirements imposed on member stations; and whether formal ascertainment procedures will impose substantial financial burdens on educational applicants and licensees. Since we have gained some experience with the Primer guidelines, which could be applied in most respects to educational broadcast applicants, we propose to offer the 1971 Primer as a reference point for this part of the inquiry. Therefore, we invite specific comments on whether the Primer guidelines can and should be applied to educational applicants, whether for new or modified facilities or for renewal of license. Parties commenting on this question who feel that the Primer should be applied to educational applicants, but with certain modifications, should set forth their proposed modifications and reasons therefor. In this regard, we note that the Primer for commercial applicants, at Question and Answer (18), suggests that applicants should not elicit program preferences, but should focus on community problems. In the educational area, it may be appropriate to permit educational stations to sound out program preferences or suggestions since their service offering is so specialized in nature. In any event, we request commenting parties to address such questions. We also ask for discussion on the additional requirements proposed by the Black Associations (see paragraph 4, *supra*), especially the requirement for a continuing ascertainment process, and on Sandra Bennett's proposal that every educational broadcaster be required to form a citizens' advisory council (see paragraph 5, *supra*).

12. In addition, commenting parties should be aware of the Commission's pending *Notice of Inquiry in Docket No. 19715*, 40 FCC 2d 379 (1973), which is a proceeding to investigate the ascertainment process applicable to commercial broadcast applicants and which was initiated, in part, because of complaints that various ascertainment requirements are unnecessary, impractical or unduly burdensome. Part I of the inquiry is designed to explore the alleged differences between radio and television relative to the role of each in discharging its public interest responsibilities under the Act and the effect of certain variables, such as market size, number of stations in a market, number of



employees, specialized formats, etc., on those roles and the ascertainment process. Part II deals specifically with the ascertainment process for both radio and television in light of the differences elicited in Part I and raises numerous questions concerning certain ascertainment requirements. Parties commenting in this proceeding should feel free to address themselves to any question raised in Docket No. 19715 which they consider to have impact on our inquiry into ascertainment by educational applicants. It is quite conceivable that revisions or modifications in the Primer guidelines for commercial applicants could have a significant effect on our consideration of formal ascertainment requirements for educational broadcast applicants, and, for that reason, we ask commenting parties to assess the relevance of matters raised in Docket No. 19715.

13. At present, applicants for authority to construct or make certain changes in a noncommercial educational AM, FM or TV station are required to file Form 340, Section IV of which consists of a statement of program service. Section IV requires information concerning the

applicant's purpose and objective in establishing the proposed station, proposed program policies and program schedule, available facilities, staff and equipment, proposed network affiliation, etc. Section IV of Form 342 (educational station renewal application) requires the submission of program logs for a full week of operation and information concerning operating hours, sources of programming, types of programs (instructional, general educational, performing arts, public affairs, light entertainment and other), and whether the applicant contemplates any material changes in future program service and any network affiliation. Unlike similar sections in FCC Forms 301, 303, 314 and 315 (commercial broadcast application forms), there is no requirement in Forms 340 and 342 for the ascertainment of community problems, needs and interests by the educational applicant and for his program proposals in response thereto.

14. In the event that the Commission determines herein that formal ascertainment requirements should be imposed on educational broadcasters, then it is proposed to amend Section IV of Forms 340

and 342 to require educational applicants and licensees to indicate the methods used to ascertain the needs and interests of the public to be served by the station; the significant needs and interests of the public which the applicant will serve during the coming license period; and typical and illustrative programs or program series that applicant plans to broadcast to meet ascertained needs and interests. See Appendix. In addition, it is proposed that Section IV of Form 342 (renewal application) be amended to require information from educational licensees as to what programs or program series were presented during the year preceding the filing of the renewal application to meet the most significant needs and interests of the community. In this way, the Commission will be better able to evaluate an educational licensee's responsiveness to community needs and his performance in light of past proposals. Persons commenting on the proposed revisions in Forms 340 and 342 are also invited to suggest other modifications that would be consistent with the imposition of ascertainment requirements on educational applicants. The Commission

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believes that an effective public broadcasting system must be rooted in an awareness of, and responsiveness to, important community needs. Our proposals herein are not meant to place an undue or unnecessary burden upon the resources of educational applicants and licensees.<sup>11</sup> Our proposals are intended to enable educational broadcasters to develop the information necessary to make informed programming judgments.<sup>12</sup>

15. In our *Notice of Inquiry and Notice of Proposed Rule Making in Docket No. 19153*, 27 FCC 2d 697 (1971), we indicated our intent to simplify the broadcast renewal process by concentrating on the essential elements of broadcast service to the public, by encouraging a continuing dialogue between a licensee and his community throughout the license period and by providing for more orderly procedures in the consideration of petitions to deny renewal applications and related pleadings. In paragraph 3 of the Notice, we indicated that Parts II and II of the inquiry concerning proposed revisions of our rules relating to the time for filing renewal applications, petitions to deny and related pleadings and to announcements of the filing of renewal applications would be applicable to broadcasting generally, including the non-commercial educational service. However, we also noted that Part I, which proposed requirements for the broadcast of notices to the public about the manner in which to comment on station performance and for the maintenance of a complaints and suggestions file, would exclude educational broadcasters; and that Part IV, which proposed revisions in Section IV-B (Statement of Television Program Service) of FCC Form 303 (renewal application) and the adoption of an

annual reporting form, would apply only to commercial television stations.

16. On May 4, 1973, the Commission released an *Interim Report and Order in Docket No. 19153*,<sup>13</sup> FCC 73-451, 27 RR 2d 553, in which the proposals mentioned above were adopted with certain modifications. In regard to Parts II and III, which are applicable to all broadcast station licensees, Commission rules would be revised to change the filing dates for renewal applications (from 90 days prior to expiration of station license to four months) and for petitions to deny and related pleadings and to require the broadcasting of announcements both before and after the filing of a renewal application, which would apprise the public of the application's filing and of the appropriate time for submitting comments thereon. Pursuant to Part I, all commercial broadcast licensees would be required to broadcast announcements every 15 days during the license period, informing the public of licensee obligations and of the proper method for expressing opinions on station operation. All commercial broadcasters would also be required to retain in their public files written comments and suggestions received about station operation.<sup>14</sup> With respect to Part IV, which is applicable to commercial television stations only, we would require stations to prepare an annual listing of the significant problems and needs of their communities and of typical and illustrative programming aired during the year directed to those problems and needs. The listings are to be placed in the local public inspection file, and the three annual listings for the current license period are to be forwarded to the Commission upon the filing of the renewal application. Television licensees would also be required to compile composite week programming statistics in

an annual programming report to be sent to the Commission each year and to be considered at renewal time. Moreover, certain revisions in Section IV-B of FCC Form 303 were made in an attempt to refine the information required of television licensees, which would be helpful in evaluating station performance.

17. Since we have issued our *Interim Report and Order in Docket No. 19153* and since the questions raised in this proceeding concerning ascertainment by educational broadcasters have relevance to Parts I and IV of Docket No. 19153, we hereby invite comments on whether the requirements adopted in Parts I and IV should be applied to educational licensees and, if so, what modifications are called for in light of the unique nature of the noncommercial service. It would appear that the requirements to be imposed on commercial broadcasters concerning the airing of announcements about public comment on station operation and the maintenance of a local complaints and suggestions file would not be unduly burdensome on educational licensees and would serve to implement a continuing dialogue between station and

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community. In fact, in the *Interim Report*, we specifically noted that the public comment announcements were intended to supplement existing ascertainment procedures and that the complaints and suggestions file was a valuable device to test the nature of a station's response to community feedback. In regard to Part IV proposals concerning commercial television licensees, we request comments on whether a similar approach should be taken with educational television broadcasters and, if so, what modifications are appropriate to accommodate the specialized nature of educational broadcasting. While we do recognize that the Part IV proposals of Docket No. 19153 contain a modified approach to ascertainment by commercial television licensees, we do not intend to propose similar requirements for educational television licensees on the basis of this general notice. Rather, we prefer to solicit the suggestions of interested parties and to consider those comments in light of the final disposition of Docket No. 19153. We shall then be in a better position to assess the desirability of a

further notice delineating specific proposals for the renewal process in the educational broadcast area. In the meantime, we offer the modifications of Section IV of FCC Forms 340 and 342 contained in the Appendix, which conform with existing ascertainment requirements for commercial applicants with the exception of proposed Question 7 of Form 342.

18. Authority for the institution of this proceeding and for the revisions of FCC Forms 340 and 342 is contained in Sections 4(i), 303, 307, 308 and 309 of the Communications Act of 1934, as amended.

19. In accordance with the procedures set forth in Section 1.415 of the Commission's rules, interested persons may file comments on or before December 14, 1973, and reply comments on or before January 14, 1974. It is hoped that comments, either formal or informal, will be submitted by interested parties from all segments of the public and the various public broadcasting entities, particularly the individual licensees. All relevant and timely comments and reply comments will be considered by the Commission

before final action is taken in the proceeding. In reaching its decision in this proceeding, the Commission may also take into account other relevant information before it, in addition to the specific comments invited by these Notices.

20. In accordance with the provisions of Section 1.419 of the Commission's rules, an original and 14 copies of all statements, briefs, and comments filed shall be furnished to the Commission. However, in an effort to obtain the widest possible response in this proceeding from licensees and members of the public, informal comments (without extra copies) will be accepted. Copies of all pleadings filed in this matter will be available for public inspection during regular business hours in the Commission's Public Reference Room at its headquarters in Washington, D.C.

Federal Communications Commission  
Vincent J. Mullins  
Acting Secretary

## Appendix

### FCC Form 340

Section IV — Statement of Program Service of Broadcast Applicant. Add the following questions:

6. State in Exhibit No. — the methods used by the applicant to ascertain the problems, needs and interests of the public served by the station. Such information shall include: (1) identification of representative groups, interests and organizations which were consulted and (2) the major communities or areas which applicant principally undertakes to serve.

7. Describe in Exhibit No. — the significant problems, needs and interests of the public which the applicant believes his station will serve during the coming license period, including those with respect to national and international matters.

8. List in Exhibit No. — typical and illustrative programs or program series that applicant plans to broadcast during the coming license period to meet those problems, needs and interests.

NOTE: Sufficient records shall be kept on file by the applicant, open for inspection by the Commission, for a period of 3 years from the date of filing of this statement (unless requested to be kept longer by the Commission) to support the representations required in answer to Questions 6, 7 and 8. These records should not be submitted with this application and need not be available for public inspection.



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# FCC Form 342

Section IV — Statement of Program Service of Broadcast Applicant. Add the following questions:

4. State in Exhibit No. — the methods used by the applicant to ascertain the problems, needs and interests of the public served by the station. Such information shall include: (1) identification of representative groups, interests and organizations which were consulted and (2) the major communities or areas which applicant principally undertakes to serve.

5. Describe in Exhibit No. — the significant problems, needs and interests of the public which the applicant believes his station will serve during the coming license period, including those with respect to national and international matters.

6. List in Exhibit No. — typical and illustrative programs or program series that applicant plans to broadcast during the coming license period to meet those problems, needs and interests.

NOTE: Sufficient records shall be kept on file by the applicant, open for inspection by the Commission, for a

period of 3 years from the date of filing of this statement (unless requested to be kept longer by the Commission) to support the representations required in answer to Questions 4, 5 and 6. These records should not be submitted with this application and need not be available for public inspection.

7. Describe in Exhibit No. — the specific programs or program series that applicant broadcast during the 12 months preceding the filing of this application to meet significant problems, needs and interests of the public.

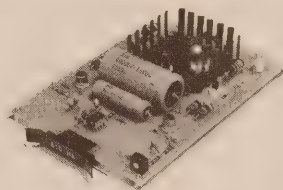
<sup>1</sup>The Black Associations consist of organizations whose memberships include black law students, student government and black student union groups and black adult educators and whose primary purpose is to secure educational opportunities for the disadvantages. Hollis H. Larkins, Jr., is a graduate of the School of Education of California State College at San Diego and is active in community educational affairs in the Los Angeles area.

<sup>2</sup>Sandra W. Bennett, Ph.D., a former director of research and development for the Center for Continuing Medical Education at the Ohio State University College of Medicine, has filed a rule making petition (RM-1874) on her own behalf as a concerned citizen, educator, broad-

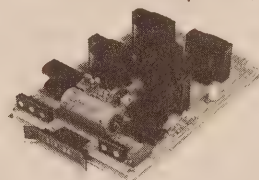
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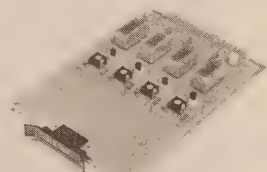
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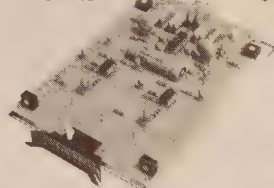
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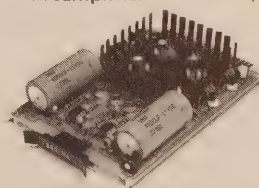
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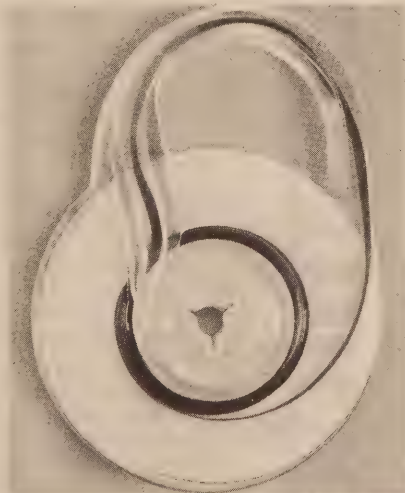
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caster and researcher in educational broadcasting.

<sup>3</sup>FCC Form 340 is the application form for authority to construct or make changes in a noncommercial educational AM, FM or TV broadcast station. FCC Form 342 is the application form for renewal of a non-commercial broadcast station license (AM, FM or TV).

<sup>4</sup>The Bennett petition only refers to educational television stations whereas the Black Associations' request applies to all applicants for educational station licenses.

<sup>5</sup>See Sections 307(b) and (d), 309 and 315(a) of the Communications Act of 1934, as amended.

<sup>6</sup>See *Report and Order in Docket No. 18774*, supra; *Notice of Inquiry in Docket No. 18774*, supra; *Ascertainment of Community Needs by Broadcast Applicants*, 33 FR 12113 (1968); and *Report and Statement of Policy re: Commission En Banc Programming Inquiry*, 20 RR 1901 (1960).

<sup>7</sup>In terms of expanded service, for example, authorizations for non-commercial educational UHF-VHF stations have increased from 56 in 1961 to 236 in 1973. In addition, the average hours broadcast by each station have increased to 70.9, and approximately one-half of all stations are operating seven days a week. It is also estimated that about 63% of all broadcast hours are programmed in color. See *One Week of Public Broadcasting*, April, 1972, a survey conducted by Dr. Nathaniel Katzman for the Corporation for Public Broadcasting.

<sup>8</sup>About one-third of educational television programming is instructional in nature. This figure does not include transmissions over Instructional Television Fixed Service (ITFS), which was established on 2500-2690 MHz in 1963 as a supplemental service for the transmission of instructional and cultural materials to schools and other selected receiving locations. As of August, 1973, 500 ITFS channels were in use and another 100 such channels had been requested. It should be pointed out that this Notice does not pertain to the ITFS.

<sup>9</sup>Even though Section 399 of the Communications Act prevents educational stations from editorializing, the obligation that a licensee devote a reasonable amount of time to the discussion of controversial issues of public importance is applicable to noncommercial as well as commercial broadcast stations. The Senate Commerce Committee emphasized this obligation on its Report on S.1090 (Authorization for Public Broadcasting, April 17, 1973) when it stated, "Public affairs programming, at the local and national levels, belongs in public broadcasting. Presented objectively these programs can enlighten their audiences, and bring increased understanding and added dimensions to the problems and issues which beset our society." Of course, the licensee's coverage of issues must be effected in full compliance with the "equal opportunities" and fairness requirements of Section 315 of the Act and Commission rules and policies.

<sup>10</sup>In addition to the obligation to serve local needs, particularly in the public affairs area,

educational stations are encouraged to provide instructional services in an effort to fulfill the educational needs of the community. Congress, itself, has declared that it is in the public interest to use educational broadcast media for instructional purposes. See Section 396(a)(1) of the Communications Act of 1934, as amended. Therefore, comments are invited on whether educational applicants should also ascertain the instructional needs of the community (whether formal in-school or informal out-of-school) and, if so, what specific requirements should be imposed.

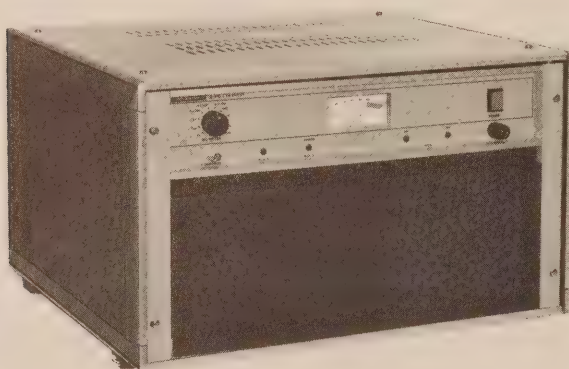
<sup>11</sup>The information which would be required under the proposed modification of FCC Forms 340 and 342 is in many instances already being developed by noncommercial educational applicants. Federal funds have been made available by Congress for assistance in the construction and expansion of educational stations under regulations promulgated by the Secretary of Health, Education and Welfare. HEW regulations require, *inter alia*, that an applicant ascertain the broadcast needs of the area to be served, including an evaluation of the general or special educational and cultural needs for the establishment or improvement of educational broadcasting services which the project is designed to fulfill. Applicants are also asked to indicate the manner in which needs were determined, to identify the sources of information, to include appropriate supporting evidence, if relevant, to submit population and enrollment data of the area to be served, and to document and justify the proposed program service. Thus, any applicant seeking federal funds would have available much, if not all, of the information we propose to require.

<sup>12</sup>Parties are also invited to comment on the need for revisions in Commission regulations dealing with educational broadcast stations (Sections 73.503(a) and 73.621(a)) in the event ascertainment requirements are imposed herein. In this regard, we note that the Black Associations have suggested the addition of the following language at the end of the respective subparagraphs cited above: "All applicants for educational broadcast licenses, including applicants for the renewal of temporary educational station broadcast licenses, will ascertain the educational and cultural interests, needs and problems of the community, and make proposals for programs based on such ascertainment." The Commission is not now proposing specific rule modifications in this regard. However, we do note that our Docket No. 19715 inquiry asks whether ascertainment requirements should be incorporated in regulations or should be left, as now, in policy statements and application forms.

<sup>13</sup>In paragraph 214 of the *Interim Report*, we explained that the report will not be published in the Federal Register until thyannual programming report (see *infra*.) and revised Section IV-B of FCC Form 303 are cleared by the Office of Management and Budget. Therefore, the revised rules contained in the report will not become effective until 30 days after Federal Register publication, and the time for filing petitions for reconsideration will also run from the date of publication.

<sup>14</sup>The retention requirement for radio stations will be on an experimental basis and will be evaluated for usefulness by our re-regulation task force in due course. See paragraph 51 of *Interim Report*, supra.

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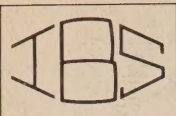
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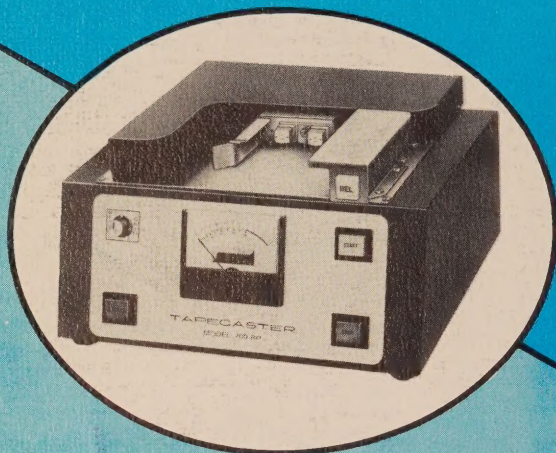
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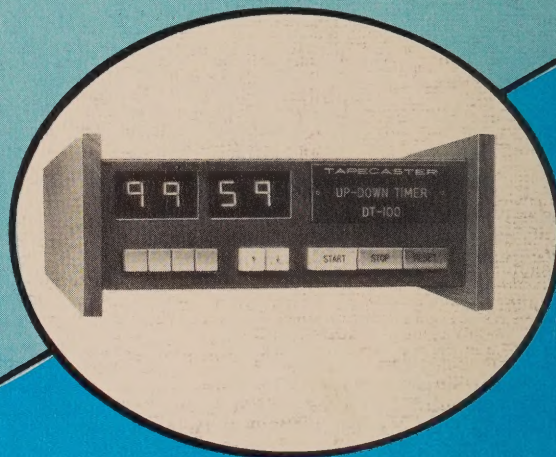
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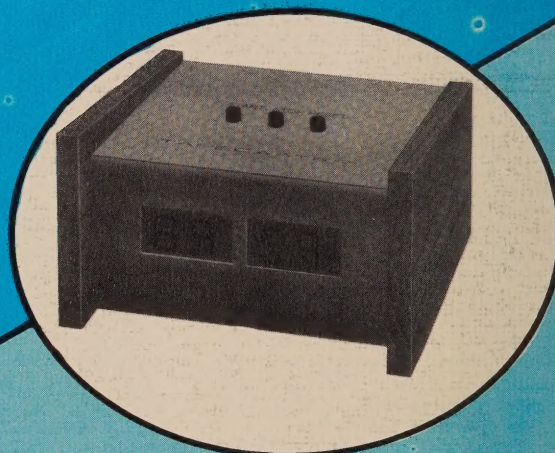
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